PACKAGE-2

NAME OF WORK:-Package2, includes 5 works of Rs.245.00 lakhs 1)Improvements to Roads and Drains at Mariyannapalya Church to Defence Layout and Dynasty Layout in Ward No:06 Byatarayanapura Sub Division. 2)Improvements to Drains and Asphalting to Roads at Balaji layout Near Railway Gate in Ward No:06 Byatarayanapura Sub Division. 3)Improvements to Drains and Asphalting to Roads at Vidyasagara Layout and Surrounding area in Ward No: 06 Byatarayanapura Sub Division. 4)Improvements to Drains and Asphalting to Roads at Bharathnagara saw mill Road in Ward No: 06 Byatarayanapura Sub Division. 5) Improvements to Drains and Asphalting to Roads at Shiradi Sai Nagar and Hegadenagar in Ward No:06 Byatarayanapura Sub Division.

Modified Schedule -B

Item No.	QUANTITY	Description of Item	Unit	As Per Approved Rates of G. VENKATESH	
				In Figures	In Words
1	3418.45	Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. and as per the directions of the Engineer-in-charge of the work .			
	3367.75	Upto 125%	Cum	190.50	Rupees One Hundred Ninety and Fifty Paise Only
	50.70	Above 125%	Cum	96.46	Rupees Ninety Six and Forty Six Paise Only
2	3245.10	Providing granite slabs of selected quality roughly dressed having a size of 7.5cms thick and fixed in cement mortar (1:6) includling fixing curing etc and as per specifications and as per the direction of Engineer in charge of the work.	Sqm	742.25	Rupees Seven Hundred Forty Two and Twenty Five Paise Only
3	2123.27	Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications and as per the directions of the Engineer-in-charge of the work .	Cum	148.00	Rupees One Hundred Forty Eight Only
4	1972.34	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechaniqal mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub- base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density.complete as per specifications. and as per specifications and as per the direction of Engineer in charge of the work.	Cum	1980.00	Rupees One Thousand Nine Hundred Eighty Only
5	8575.40	Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kglsqm using mechanical means complete as per specifications and as per the direction of Engineer in charge of the work.	Sqm	30.75	Rupees Thirty and Seventy Five Paise Only
6	22028.10	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatement including cost of all materials, labour, HOM of machineries complete as per specifications. and as per the direction of Engineer in charge of the work.	Sqm	3.50	Rupees Three and Fifty Paise Only
7	26289.10	Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications and as per the direction of Engineer in charge of the work.	Sqm	13.00	Rupees Thirteen Only

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8	1051.56	Providing and laying bituminous concrete 40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 6% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification and as per the direction of Engineer in charge of the work.	Cum	7935.00	Rupees Seven Thousand Nine Hundred Thirty Five Only
9	948.22	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. and as per the direction of Engineer in charge of the work.	Sqm	605.00	Rupees Six Hundred Five Only
10	0.00	Providing and construction load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (part) :2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, complete as per specifications .	Sqm	0.00	
11	2014.10	Providing and removing centering, shuttering, strutting, propping etc, for columns, pillars, post and strts, square / rectanagular / polygon in plan including cost of all materials, labour complete as per specification. and as per the directions of the Engineer-in-charge of the work .			
	329.88	Upto 125%	Sqm	432.50	Rupees Four Hundred Thirty Two and Fifty Paise Only
	1684.23	Above 125%	Sqm	430.56	Rupees Four Hundred Thirty and Fifty Six Paise Only
12	270.95	Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @320kgs, with 20mm and down size graded granite metal course aggregates @0.69cum and fine aggregates @0.460 cum, with super plasticisers @ 3 liters confirming to Is 9103-1999 reafirme-2008 machine mixed, concrete laid in layers not exceeding 15 cms thick vibrated for all works in foundation for footings pedastaals retaining walls return walls (any thickness) including attached pilasters columnspillars posts struts buttresses bed blocks anchor blocks & plinths etc. including cost of all materials labour HOM of machinery curing complete but excluding cost of reinforcement as per specifications.			
	71.66	Upto 125%	Cum	6992.50	Rupees Six Thousand Nine Hundred Ninety Two and Fifty Paise Only
	199.29	Above 125%	Cum	7071.34	Rupees Seven Thousand Seventy One and Thirty Four Paise Only
13	16.11	Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. and as per the directions of the Engineer-in-charge of the work .			

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	3.59	Upto 125%	Tonne	74925.00	Rupees Seventy Four Thousand Nine Hundred Twenty Five Only
	12.52	Above 125%	Tonne	71298.07	Rupees Seventy One Thousand Two Hundred Ninety Eight and Seven Paise Only
14	332.59	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. and as per the directions of the Engineer-in-charge of the work .			
	286.36	Upto 125%	Cum	5883.75	Rupees Five Thousand Eight Hundred Eighty Three and Seventy Five Paise Only
	46.23	Above 125%	Cum	5936.11	Rupees Five Thousand Nine Hundred Thirty Six and Eleven Paise Only
15	139.32	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Cum	6059.75	Rupees Six Thousand Fifty Nine and Seventy Five Paise Only
16	1309.95	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift. and as per the directions of the Engineer-in-charge of the work .	Sqm	106.25	Rupees One Hundred Six and Twenty Five Paise Only
E1	995.28	Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Cum	382.33	Rupees Three Hundred Eighty Two and Thirty Three Paise Only

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